

Table 2.3 Composition of Mammalian Epidermal Lipids

Lipid type	Living layers (%)	Stratum corneum (%)
Phospholipids	40	Trace
Sphingolipids	10	35
Cholesterol	15	20
Triglycerides	25	Trace
Fatty acids	5	25
Other	5	10
Totals:	100	100

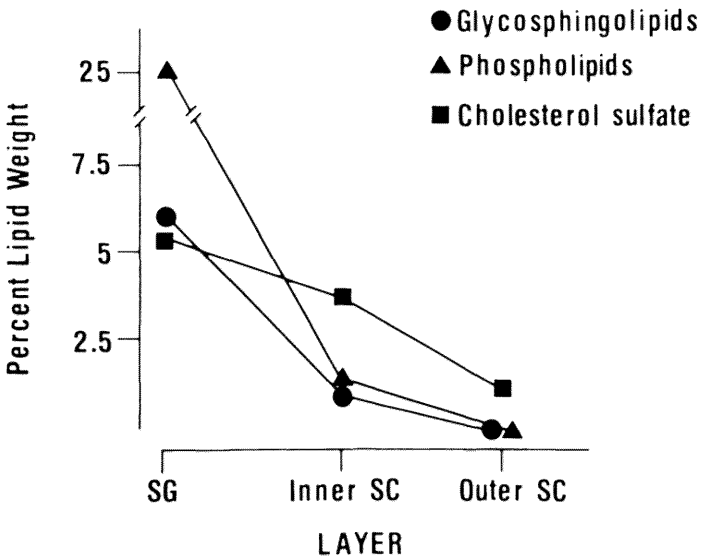


Figure 2.2 Changes in lipid composition that occur during stratum corneum transit. Note that small amounts of phospholipids (diamonds), glycolipids (circles), and cholesterol sulfate (squares) remain in the inner stratum corneum (SC) (stratum compactum), whereas only cholesterol sulfate persists in the outer SC. SG, stratum granulosum.